

ABSTRACT

A method is provided for clients to locate and interact with Internet services fulfilling the clients needs. In an aspect, a client requests, to a broker, a specific language/component technology (communication proxy), and an application-level transport protocol. The broker matches a client request and an Internet service, and transmits metadata to the client enabling the client to locate the matched internet service communication proxy. In an aspect, the client downloads the requested communication proxy and dynamically interacts, at runtime, with an Internet service using the requested communication proxy, the communication proxy being local to the client. In an aspect, the client is relieved from having to develop a remote communications code.

ABSTRACT OF THE DISCLOSURE

A device is presented including a processor. A local memory is connected to the processor. The processor includes a hot way cache accessing process. A method is presented that includes accessing a memory. The method includes processing a first plurality of memory cells and a second plurality of memory cells in the memory. The method determines if a memory block is a last recently accessed memory block. The method determines whether a memory block accessed is a hit or a miss. The method accesses a lower memory level if the memory block accessed is a miss. Also, processing the second plurality of memory cells for an exact block if the block accessed is a hit but not the last recently accessed memory block. And, providing the memory block for additional access if the memory block accessed is a hit and is a last recently accessed memory block.